

**TRANSACTIONAL DATA COMMUNICATIONS FOR
PROCESS CONTROL SYSTEMS**

ABSTRACT OF THE DISCLOSURE

A transactional data communications system and method communicates
5 information within an enterprise having a process control system and a plurality of
information technology systems that are communicatively coupled to the process
control system via a web services interface and a transactional information server.
The system and method generates transactional process control information and
formats the transactional process control information based on an extensible markup
10 language input schema to form formatted transactional process control information.
The system and method sends the formatted transactional process control information
to the transactional information server via the web services interface and maps the
formatted transactional process control information to an extensible markup language
output schema associated with one of the plurality of information technology systems
15 to form mapped transactional process control information. The system and method
then sends the mapped transactional process control information to the one of the
plurality of information technology systems.